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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/690,963

10/23/2003

Donald L. Schilling

LINX13US

6194

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06/09/2006

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EXAMINER

DINH, DUC Q

ART UNIT

PAPER NUMBER

2629

DATE MAILED: 06/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/690,963	Applicant(s) SCHILLING, DONALD L.	
	Examiner DUC Q. DINH	Art Unit 2674	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-6 and 8-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-6,8-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is response to the Amendment filed on January 11, 2006. Claims 1, 3-6, 8-13 are pending in the application.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 3-6, 8-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Branson (U.S Patent No 6, 819,304) in view of Sall (U.S Patent No 6,859,219).

In reference to claims 1, 6 and 11, Branson discloses a transceiver such as computer having wireless connection (Fig. 3; col. 4, lines 42-57 and Fig. 6; col. 6, lines 32-53), comprising:

a plurality of display devices (101-108; Fig. 1);

expanding means connected to said transceiver and to the plurality of display devices (101-108), for expanding the plurality of display devices about said transceiver in to a rectangular shape (Fig. 1) said expanding including latch and spring for controlling the expansion of said plurality of display devices (flexible printed circuit allow the display 100 to be folded along portion 109, 112; Fig. 1 col. 4, lines 56-64; or latching mechanism such as a tongue and groove mechanism) ; and

screen-size indicator (switch array 640, CPU 641), electrically connected to the plurality of display devices (101-108), for determining a screen size, said screen-size indicator (col. 10, lines 38-50), responsive to the screen size and responsive to a video signal on the transceiver, for displaying enlargement of the video signal on the plurality of display devices, or the combination of the plurality of display devices, as determined by the screen size, respectively (col. 3, lines 42-55 and col. 10, lines 52-67).

Accordingly, Branson discloses everything except the expanding means including a latch and spring for controlling ejection of said plurality of display devices.

Sall disclose a multiple display devices for a computer (Fig. 1) having spring load switches 210 and 212 for controlling ejection of the plurality of display devices (col. 3, lines 35-55).

It would have been obvious for one of ordinary skill in the art at the time of the invention to recognize that the spring lock mechanism of Sall would provide a secured and stable expanding/holding mechanism for the display system when multiple display devices are used for displaying multiple applications on the screen (col. 3, lines 35-40 and col. 4, lines 25-40).

In reference to claims 4 and 9 and 12, Branson discloses a plurality of sensors 107a-107h connected to the plurality of display devices 101-108, respectively, for sensing when the plurality of display devices are expanded, and extent of expansion, in each direction of expansion (Fig. 1, col. 10, lines 49-51).

In reference to claims 5 and 10, Branson discloses the expanding means including means for extracting in the same plane (latching mechanism such as tongue and grove, see claim 1) and not for folding the plurality of display devices (col. 4, lines 54-56).

In reference to claims 3, 8 and 11, Sall discloses the expending including supports (spring load switches 210, 212) the plurality of display devices after ejection from the transceiver (Fig. 2).

In reference to claim 13, refer to the rejections of claims 1 and 3.

Response to Arguments

4. Applicant's arguments filed on January 11, 2006 have been fully considered but they are not persuasive. With respect to the argument "Brandon does not teach or suggest a transceiver having a wireless connection", please see Brandon at Fig. 3; col. 4, lines 42-57 and Fig. 6; col. 6, lines 32-53), with respect to the argument "Sall does not have expanding display devices with form a rectangular shape, see Fig. 5-7 of Sall and Fig. 1 of Branson. In addition, the PCT Search Report and Written Opinion (page 8 of the Remark) are not applied with the U.S patent application.

Conclusion


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUC Q. DINH whose telephone number is (571) 272-7686. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD HJERPE can be reached on (571) 272-7603. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUC Q DINH
Examiner
Art Unit 2674

DQD
June 1, 2006



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600